

Michele Azzolini

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

950
citations

471061

17
h-index

552369

26
g-index

27
all docs

27
docs citations

27
times ranked

1684
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Pharmacological Targeting of a Mitochondrial Ion Channel Selectively Kills Tumor Cells In Vivo. <i>Cancer Cell</i> , 2017, 31, 516-531.e10.	7.7	138
2	The mitochondrial permeability transition pore in AD 2016: An update. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 2515-2530.	1.9	105
3	The kynurenine connection: how exercise shifts muscle tryptophan metabolism and affects energy homeostasis, the immune system, and the brain. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 318, C818-C830.	2.1	65
4	Pharmacokinetics and tissue distribution of pterostilbene in the rat. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 2122-2132.	1.5	60
5	Acetal Derivatives as Prodrugs of Resveratrol. <i>Molecular Pharmaceutics</i> , 2013, 10, 2781-2792.	2.3	57
6	Mitochondria-targeted Resveratrol Derivatives Act as Cytotoxic Pro-oxidants. <i>Current Pharmaceutical Design</i> , 2014, 20, 172-179.	0.9	47
7	Resveratrol derivatives as a pharmacological tool. <i>Annals of the New York Academy of Sciences</i> , 2017, 1403, 27-37.	1.8	47
8	Cytotoxicity of mitochondria-targeted resveratrol derivatives: Interactions with respiratory chain complexes and ATP synthase. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2014, 1837, 1781-1789.	0.5	46
9	Tumor-reducing effect of the clinically used drug clofazimine in a SCID mouse model of pancreatic ductal adenocarcinoma. <i>Oncotarget</i> , 2017, 8, 38276-38293.	0.8	41
10	Targeting the Potassium Channel Kv1.3 Kills Glioblastoma Cells. <i>NeuroSignals</i> , 2017, 25, 26-38.	0.5	40
11	Amino Acid Carbamates As Prodrugs Of Resveratrol. <i>Scientific Reports</i> , 2015, 5, 15216.	1.6	33
12	Improving the Efficacy of Plant Polyphenols. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014, 14, 1332-1342.	0.9	32
13	New natural amino acid-bearing prodrugs boost pterostilbene's oral pharmacokinetic and distribution profile. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 115, 149-158.	2.0	28
14	Mitochondrial potassium channels in cell death. <i>Biochemical and Biophysical Research Communications</i> , 2018, 500, 51-58.	1.0	25
15	Insight into the mechanism of cytotoxicity of membrane-permeant psoralenic Kv1.3 channel inhibitors by chemical dissection of a novel member of the family. <i>Redox Biology</i> , 2020, 37, 101705.	3.9	22
16	Muscle-secreted neurturin couples myofiber oxidative metabolism and slow motor neuron identity. <i>Cell Metabolism</i> , 2021, 33, 2215-2230.e8.	7.2	22
17	Synthesis and Evaluation as Prodrugs of Hydrophilic Carbamate Ester Analogues of Resveratrol. <i>Molecular Pharmaceutics</i> , 2015, 12, 3441-3454.	2.3	21
18	Strategies to target bioactive molecules to subcellular compartments. Focus on natural compounds. <i>European Journal of Medicinal Chemistry</i> , 2019, 181, 111557.	2.6	20

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19	Browning Effects of a Chronic Pterostilbene Supplementation in Mice Fed a High-Fat Diet. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5377.	1.8	18
20	New Water-Soluble Carbamate Ester Derivatives of Resveratrol. <i>Molecules</i> , 2014, 19, 15900-15917.	1.7	17
21	Pterostilbene Improves Cognitive Performance in Aged Rats: An in Vivo Study. <i>Cellular Physiology and Biochemistry</i> , 2019, 52, 232-239.	1.1	17
22	N-Monosubstituted Methoxy-oligo(ethylene glycol) Carbamate Ester Prodrugs of Resveratrol. <i>Molecules</i> , 2015, 20, 16085-16102.	1.7	14
23	Pharmacological modulation of Kv1.3 potassium channel selectively triggers pathological B lymphocyte apoptosis in vivo in a genetic CLL model. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 64.	3.5	14
24	Novel lipid-mimetic prodrugs delivering active compounds to adipose tissue. <i>European Journal of Medicinal Chemistry</i> , 2017, 135, 77-88.	2.6	11
25	Changes in plasma concentration of kynurenine following intake of branched-chain amino acids are not caused by alterations in muscle kynurenine metabolism. <i>American Journal of Physiology - Cell Physiology</i> , 2022, 322, C49-C62.	2.1	5
26	Multiple Mechanisms Converging on Transcription Factor EB Activation by the Natural Phenol Pterostilbene. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-19.	1.9	4
27	Long-Term Pterostilbene Supplementation of a High-Fat Diet Increases Adiponectin Expression in the Subcutaneous White Adipose Tissue. <i>Nutraceuticals</i> , 2022, 2, 102-115.	0.6	1